Digital Lighting Systems, Inc.

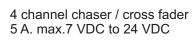
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CF45

Three or Four Channel Chaser / Fader 5 amps max total load @ 7 - 24 VDC



USER'S MANUAL



CF45 is a CF400 module installed in an aluminum enclosure.

General Description

The **CF400** is a user selectable three or four-channel VDC lighting controller (Cross-Fader /chaser / Lighting animation) capable of producing slow level changes(Color Mixing) as well as Quick ON/ OFF (Animation)

A functional block diagram of the **CF400** is shown in Figure 1. **CF400** contains the equivalent of four solid-state relays (**SSR**) 4 dimmers, with one power line feed. Each dimmer is rated at a maximum output current of 5 Amperes.(Total current on all 4 loads not to exceed 8 Amps.). The **SSR** dimmers are controlled by low-voltage DC signals from the logic circuit on the board. These signals are electrically isolated by Optical couplers from all output elements. The **CF400** logic board contains a microprocessor programmed to generate 15 user-selectable light sequences or patterns at an adjustable rate (the **CF400** is also available with a "SPELLER" pattern or custom patterns upon request). A rotary selector is used to select the pattern and a second one is used to set the rate or speed. Patterns and speed can be monitored by four LED's that represent the outputs of the **CF400**.

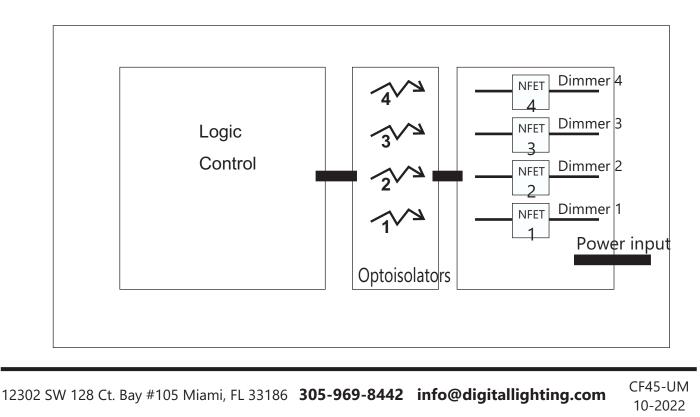
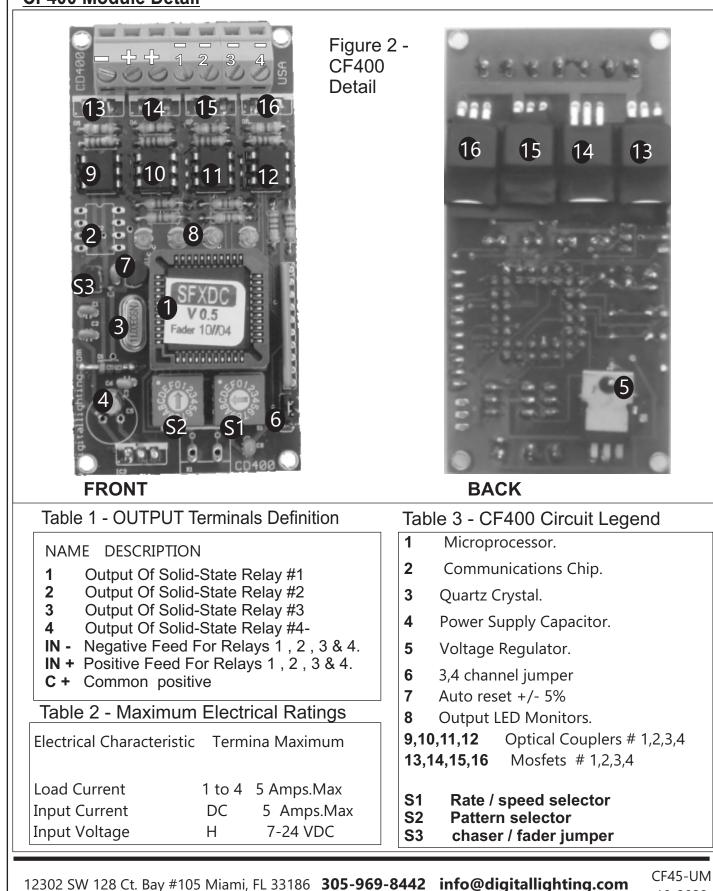


Figure 1 - CF400 block diagram:

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4 channel chaser / cross fader 5 A. max.7 VDC to 24 VDC

CF400 Module Detail



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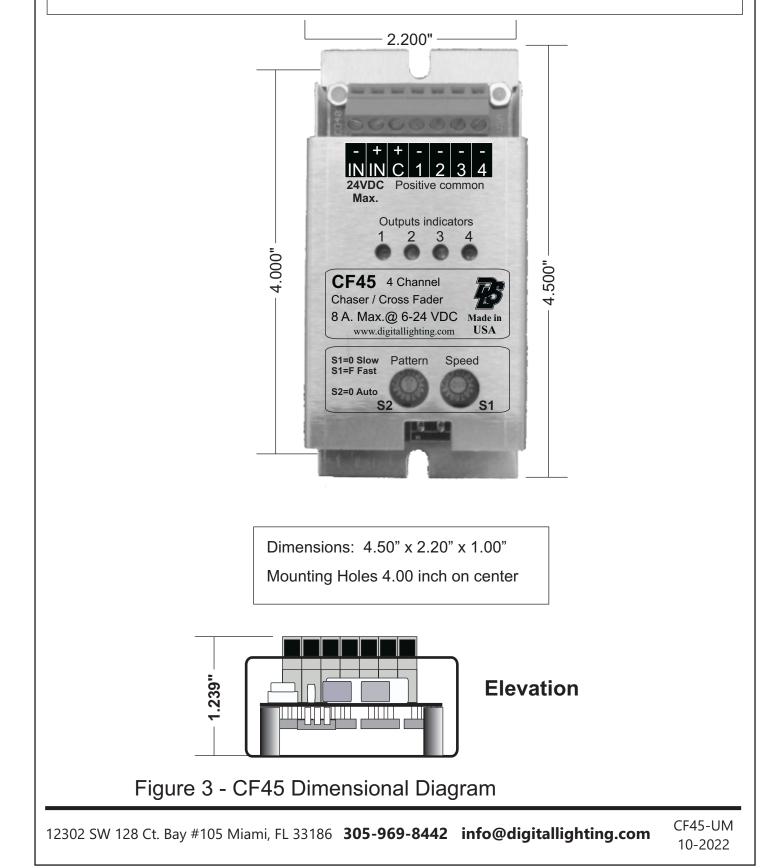


4 channel chaser / cross fader 5 A. max.7 VDC to 24 VDC



Mechanical Installation

The CF45 Pack is designed to be surface mounted

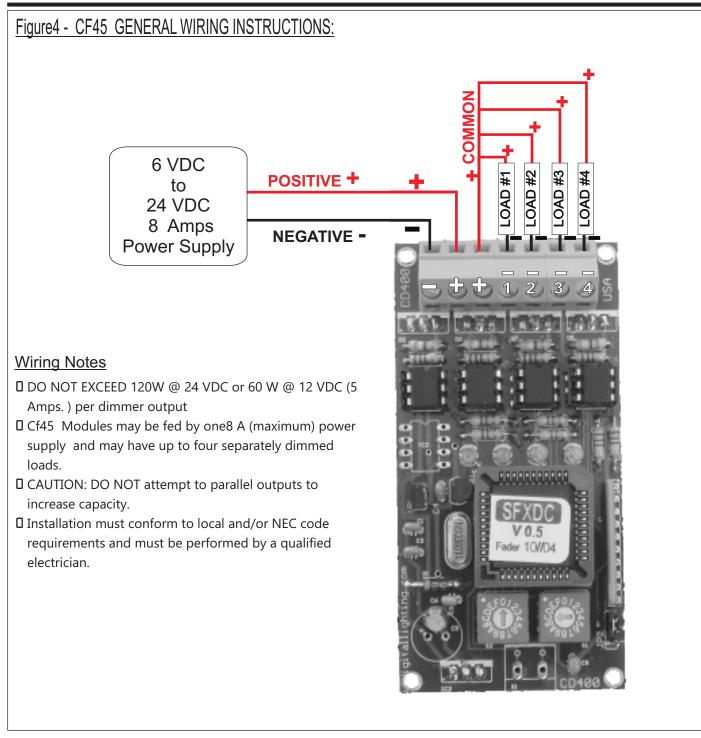


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4 channel chaser / cross fader 5 A. max.7 VDC to 24 VDC

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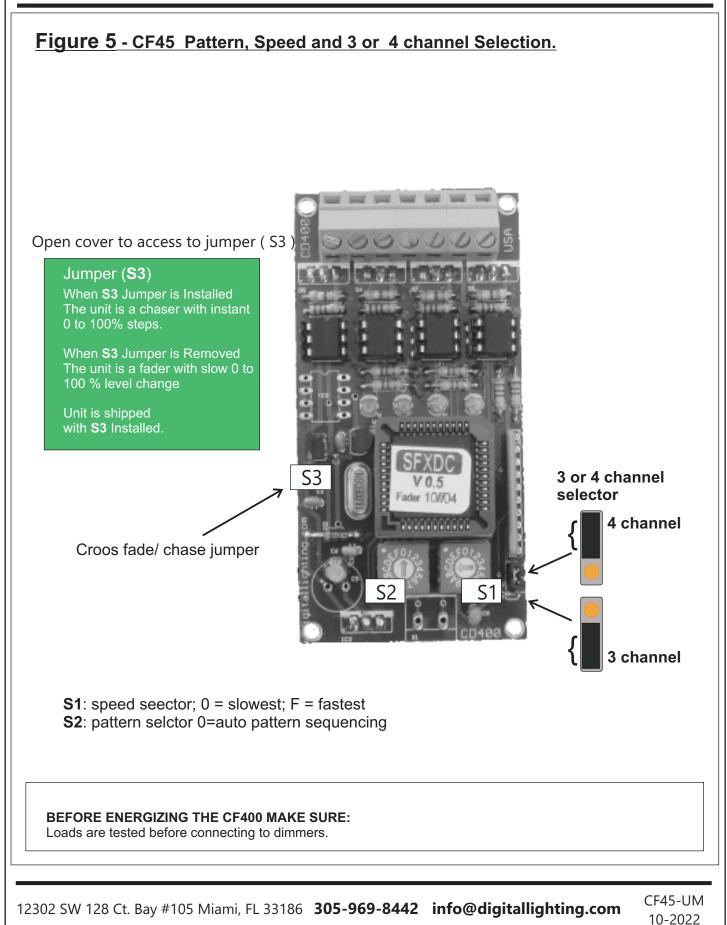


NOTES

- 1 Follow Power supply installation & wiring instructions from manufacturer.
- 2 Maximum Load Per Output: 5 Amps.
- 3 Maximum total loads on four outputs : 8 Amps.

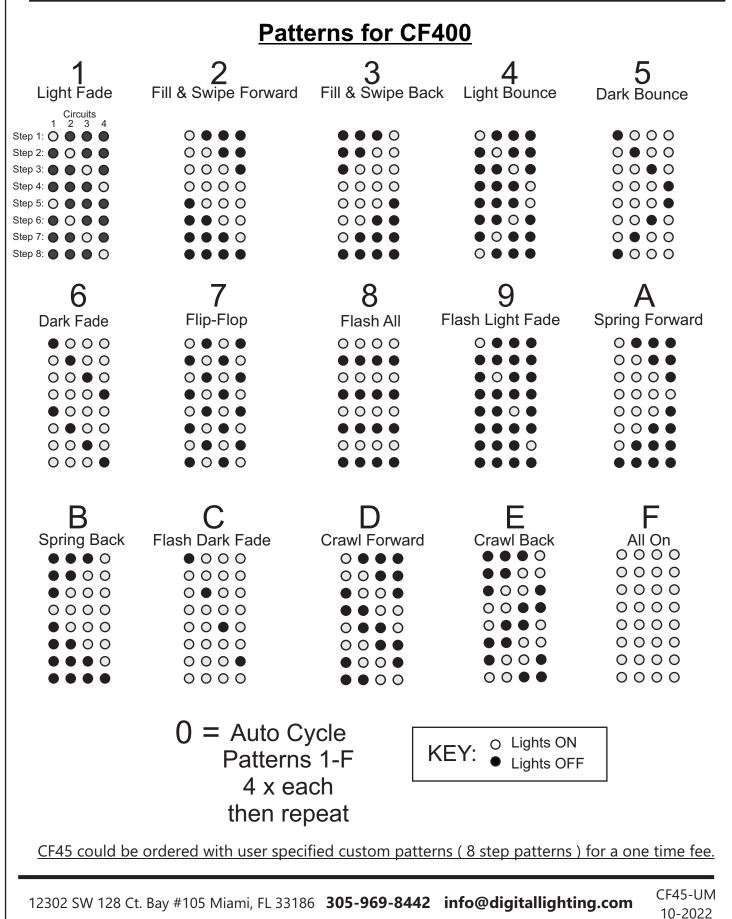
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LIMITED WARRANTY

Digital Lighting Systems, warrants to the purchaser that its products have been carefully manufactured and inspected and are warranted to be free from defects of workmanship and materials when used as intended. Any abuse or misuse contrary to normal operation shall void this warranty.

Digital Lighting Systems' obligation under this warranty shall be limited to replacement or repair of any units as shall within two years of date of invoice from Digital Lighting Systems, prove defective; and Digital Lighting Systems shall not be liable for any other damages, whether direct or consequential. The implied warranties of merchantability and fitness for a particular purpose are limited to the duration of the expressed warranty. Some states do not allow the exclusion of the limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, you may also have other legal rights which vary from state to state.

Defective merchandise may be returned to Digital Lighting Systems, prepaid, after prior notification has been given and approval obtained for the return. To obtain prior approval for the return of the defective items, contact your local Digital Lighting Systems distributor, representative, or:

Digital Lighting Systems, Inc.

Attn: Customer Service Department 12302 SW 128 Ct. Miami, FL 33186 (305) 969-8442



Digital Lighting Systems, Inc. 12302 SW 128 Ct. Miami, FL 33186 www.digitallighting.com

Tel 305-969-8442 Fax 305-969-8675 e-m info@digitallighting.com Upon request, replacement unit(s) will be shipped as soon as available. Unless immediate shipment of replacement merchandise is requested, Digital Lighting Systems will not ship replacement merchandise until defective merchandise is received, inspected, and determined to be defective.

No labor charges in connection with warranty problems will be reimbursed by Digital Lighting Systems without prior written approval from the factory.

Digital Lighting Systems distributors and representatives have no authority to change this warranty without written permission.

Digital Lighting Systems reserves the right to determine the best method of correcting warranty problems.

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